



***United States Air
Force***



USAF Small Arms Program Review

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Overview



- Combat Air Force Mission Needs Statement (CAF MNS 314-97)
- M4 Carbine
- M240B Machinegun
- Close Precision Engagement
- USAF QFEB2, squad mix
- Frangible munitions
- M16 A2 Modkits



CAF MNS 314-97



Enhanced Force Protection Capabilities

- Counter stand off weapons and enemy forces in all weather conditions day or night**
- See around corners and out of defilade positions without exposure to enemy fire**
- Rapidly locate, in real time, the origin of sniper/indirect enemy fire and counter this threat**
- Engage enemy targets with improved accuracy, lethality, and at increased ranges with individual and crew served**



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M-4 Carbine



- **M16A2 and GAU to M4 Carbine with M68**
 - **Replacing 45,000 M16A2s and GAUs with the M4 carbine (burst)**
 - **35,000 procured as a weapon system: M4 Carbine, M68 Close Combat Optic (CCO), and Back Up Iron Sight**
 - **Being Delivered starting Nov 02 at 1000 p/m**
 - **Converting from DVS 7Ds to DVS-14**
 - **Wor**





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Air Force Security Forces M-4 Configurations



M203/M4



***M68 Sight
Picture***



***M68 with
AN/PVS 14***



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M-240B Conversion



- **M-240B Replaces aging and unreliable M60 with state-of-the-art, interoperable machine gun**
- **Delivery Nov 02 at 150 p/m average**
- **Full AF requirement of 2,500 procured**
 - **Accessories—Pintle adapters for M122 tripod and HMMWV and 2 BFAs**





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Close Precision Engagement



- **Need for enhanced Close Precision Engagement (CPE), target identification, and reaction time--CPE two shooter levels**
 - **Level I**
 - **M4 with 4X optic**
 - **Best shooter in squad**
 - **Out to 600 meters**
 - **2 days Training**
 - **Level II**
 - **3 week specialized school at Camp Robinson, AR**
 - **M24 with Leupold 10X optic**
 - **Out to 1000 meters**



AIR FORCE SQUAD COMPOSITION (QFEB2)



	<u>Present</u>	<u>Future</u>	
 Squad Ldr	M16A2 AN/PVS-7 AN/PAQ-4B/C	M4/CCO AN/PVS-14 AN/PAQ-4B/C	
ALPHA FIRE TEAM  Fire Team Ldr Grenadier Auto Rifleman Rifleman	M249 M203/M16A2 M16A2 AN/PVS-7 AN/PAQ-4B/C	M249/M145 MGO M4/203/CCO M4/CCO M4/DOS AN/PVS-14 AN/PAQ-4B/C AN/PVS-4	
BRAVO FIRE TEAM  Team Ldr Machine Gunner Grenadier Asst Gunner	M60 MG M203/M16A2 M16A2 M9 AN/PVS-7 AN/PAQ-4B/C AN/PVS-4	M240B/M145 MGO M4/203/CCO M4/CCO M4/DOS M9 AN/PVS-14 AN/PAQ-4B/C AN/PVS-4	
CHARLIE FIRE TEAM  Fire Team Ldr Grenadier Auto Rifleman Rifleman	M249 M203/M16A2 M16A2 AN/PVS-7 AN/PAQ-4B/C AN/PVS-4	M249/M145 MGO M4/203/CCO M4/CCO M4/DOS AN/PVS-14 AN/PAQ-4B/C AN/PVS-4	** Other items <u>under consideration</u> PEQ 2 PVS-14 (approved) M203 DNS



Frangible Munitions 5.56mm and 9mm



- Type classified and USAF NNMSB certified for both 9mm and 5.56mm
- 20 USAF bases using frangible munitions
 - Completely lead-free to include primer
 - Training use only (HQ USAF/JA approved)
- Central Procurement initiated
 - FY02, 5.56mm--\$8.2M 9mm--\$3.1M
 - FY03, 5.56mm--\$2.4M 9mm--\$1.1M
- Additionally exploring use of 12 gauge, 7.62mm and 5.56mm linked ammo





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M16A2 Modkits



- 1997 initiative
- 206K USAF modkit requirement
 - 169.5K Modkits delivered/on contract
 - 36.5K shortfall
- Shortfall eliminated through
 - USMC assistance of 20K M16A2s
 - M4 procurement offset



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QUESTIONS?